

Atty: Frank Morris
Tel No. 650-849-7777
Atty Docket No: 009824-070-999
Inventor Medlock et al.
Title: DYNAMICALLY RECONFIGURABLE UNIVERSAL TRANSMITTER SYSTEM

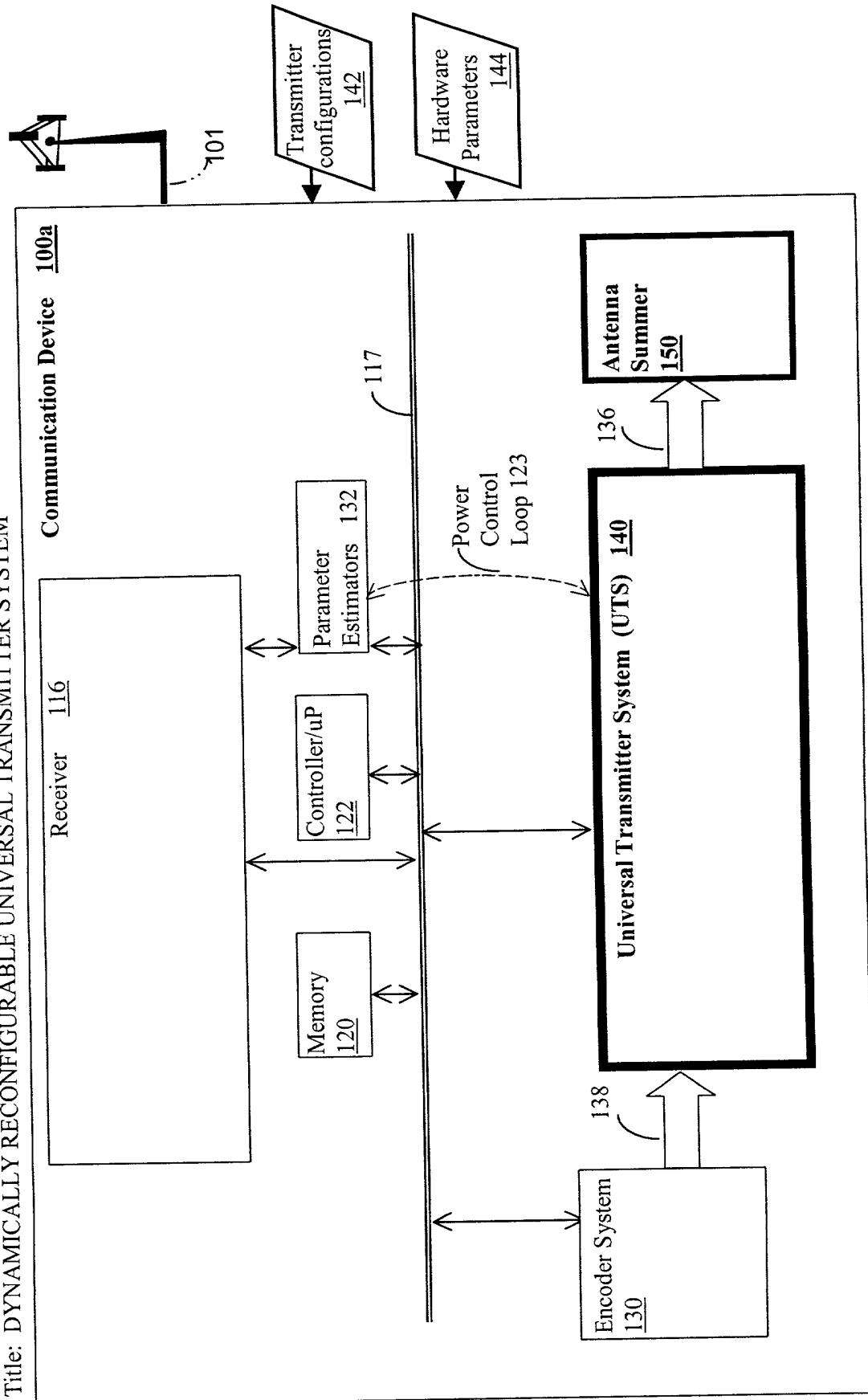


FIGURE 1A

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200C
UTU operation information 162

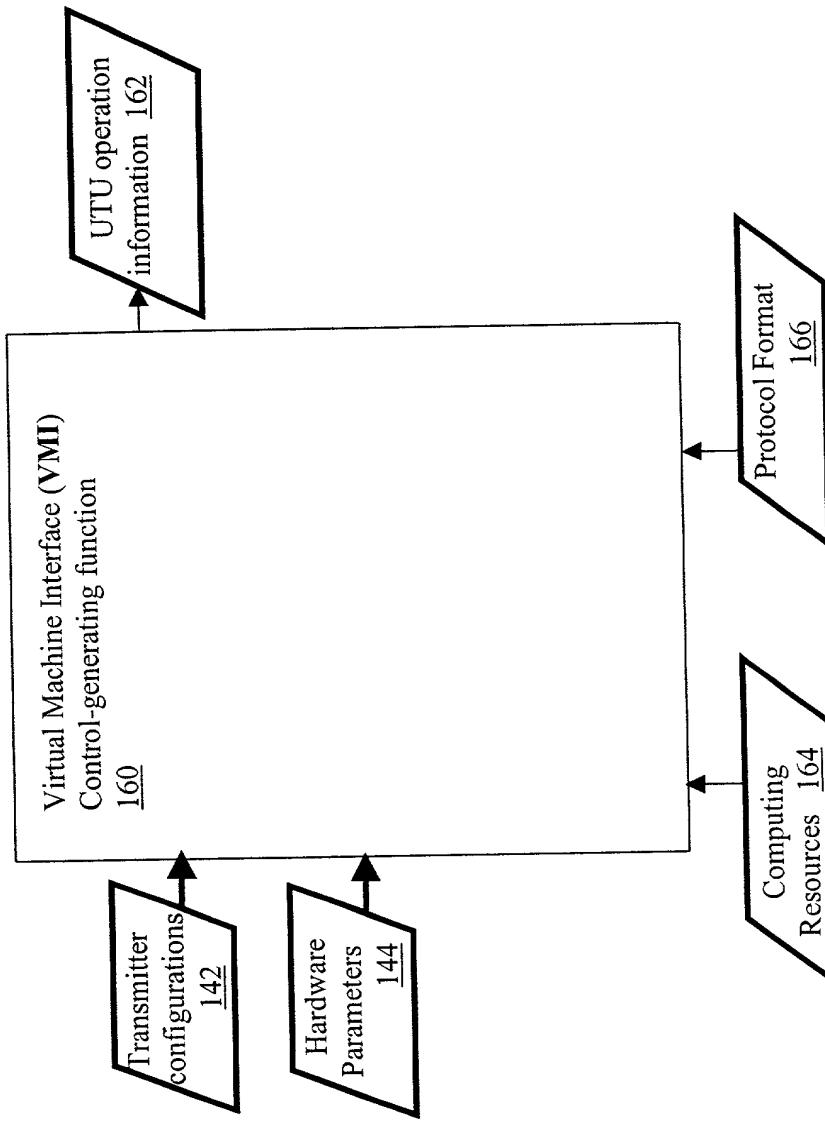


FIGURE 1B

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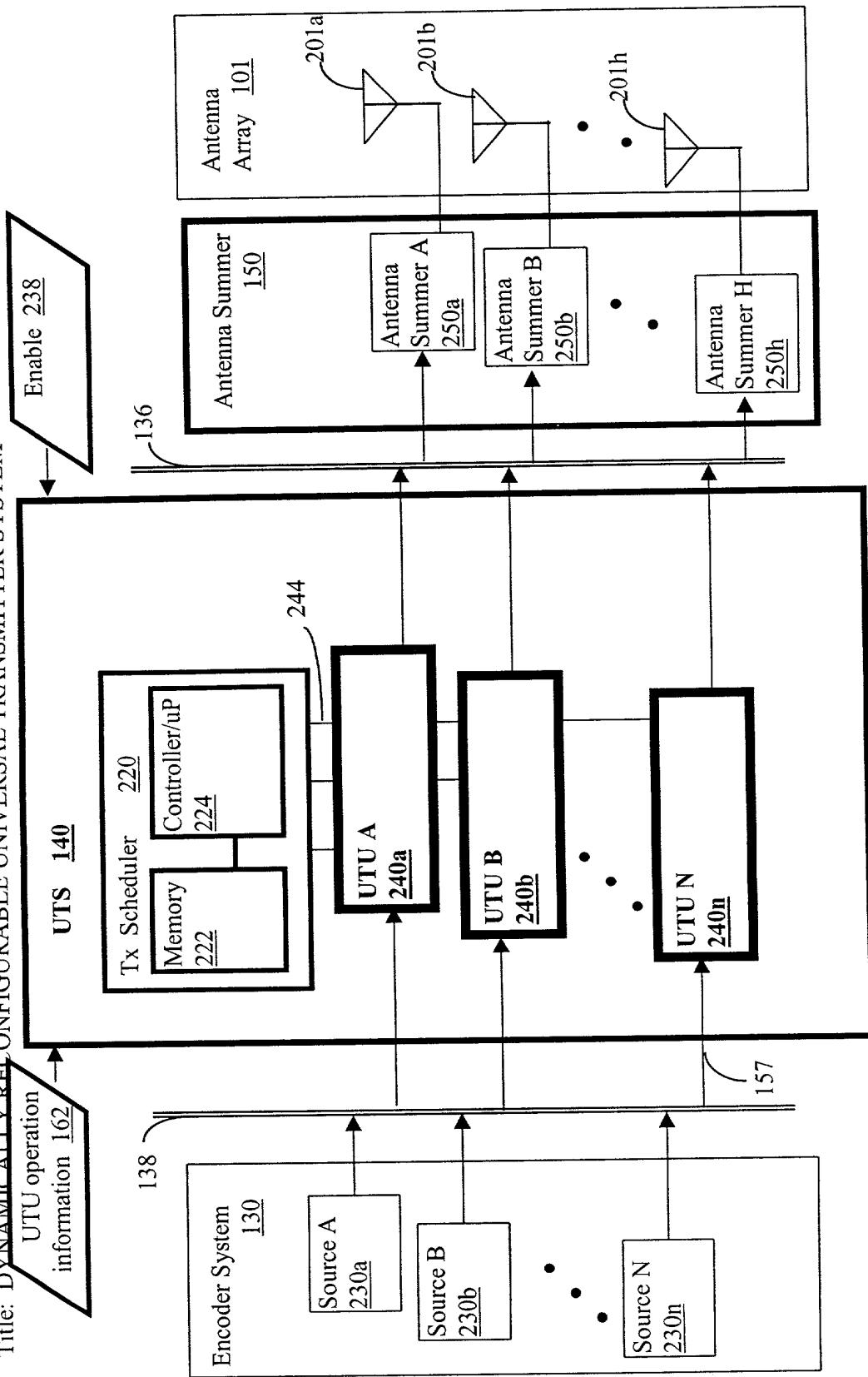


FIGURE 2A

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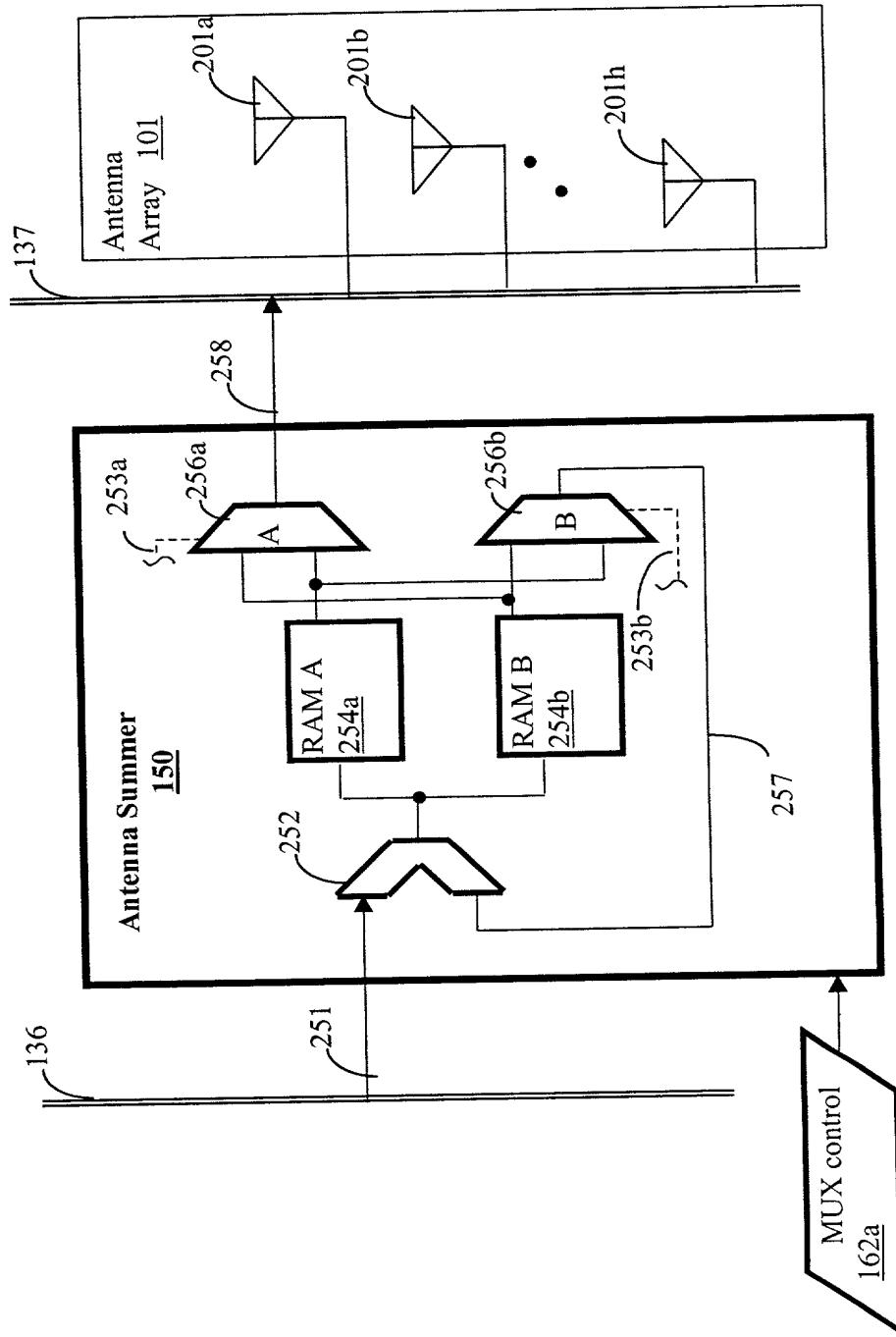


FIGURE 2B

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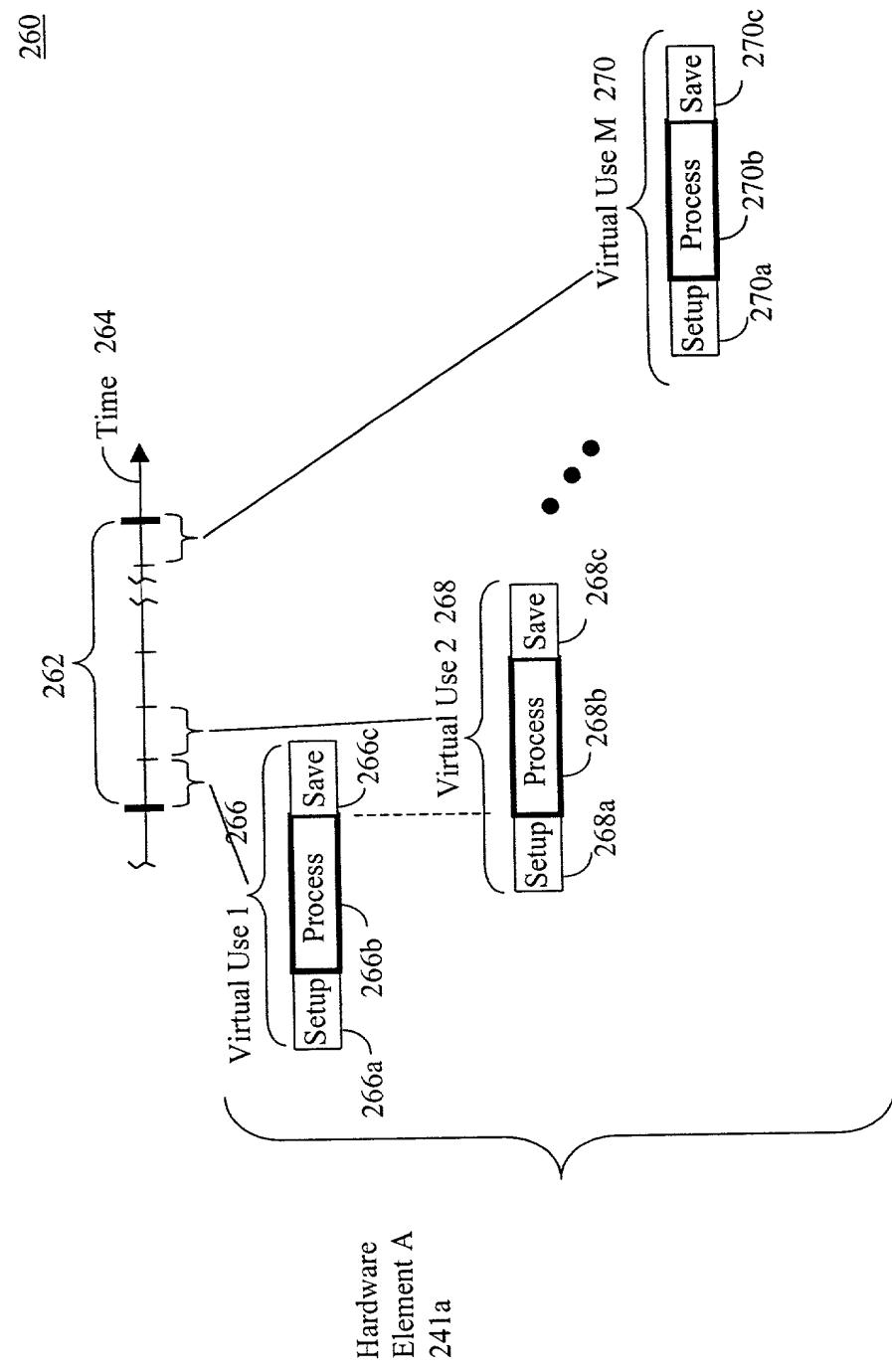


FIGURE 2C

Atty: Frank Morris
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 Title: Dynamically Reconfigurable Universal Transmitter System

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Inventor: Medlock et al.
 Title: Universal Transmitter System

PRIMARY TABLE		
Antenna	Start	Return
281	282	283
A	0001	----
H	0111	END
B	1011	----

291

280A

280B

295

280B

SECONDARY TABLE

Physical Resource	Time Slot	On/Off Flag	H/W control parameters set by S/W	H/W control parameters set by HW	HW PARAM_A1	HW PARAM_B1	Return to Master list
284	285	286	287	288	289	-----	-----
Trans A	1	ON	SW PARAM_A1	HW PARAM_A1	-----	-----	-----
Trans B	1	ON	SW PARAM_B1	HW PARAM_B1	-----	-----	-----
FIRST = Antenna A							
Trans N	1	OFF	SW PARAM_B2	HW PARAM_B2	END		
Trans A	2	ON	SW PARAM_A2	HW PARAM_A2	-----		
Trans B	2	OFF	SW PARAM_B1	HW PARAM_B1	-----		
SECOND = Antenna H							
Trans N	2	ON	SW PARAM_B2	HW PARAM_B2	END		
LAST = Antenna B							
Trans A	M	OFF	SW PARAM_A1	HW PARAM_A1	-----		
Trans B	M	ON	SW PARAM_B1	HW PARAM_B1	-----		
Trans N	M	ON	SW PARAM_B2	HW PARAM_B2	END		

FIGURE 2D

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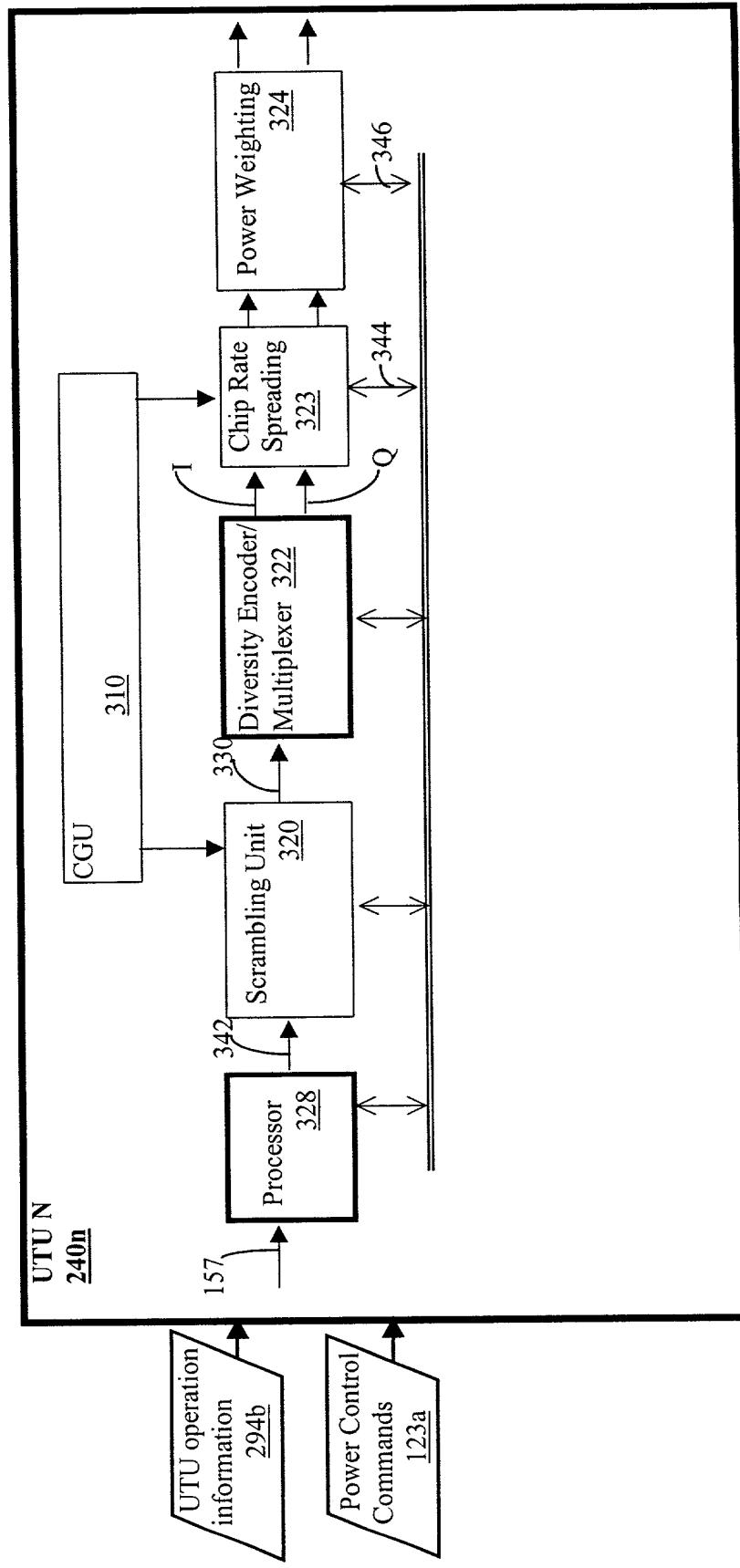


FIGURE 3A

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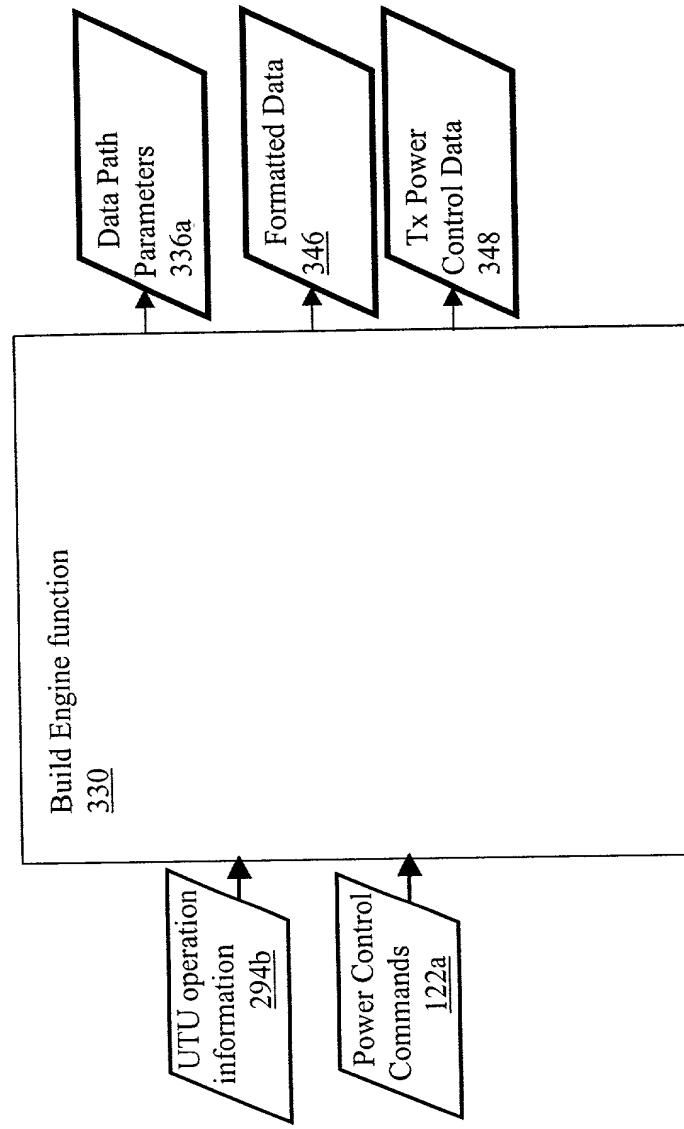


FIGURE 3B

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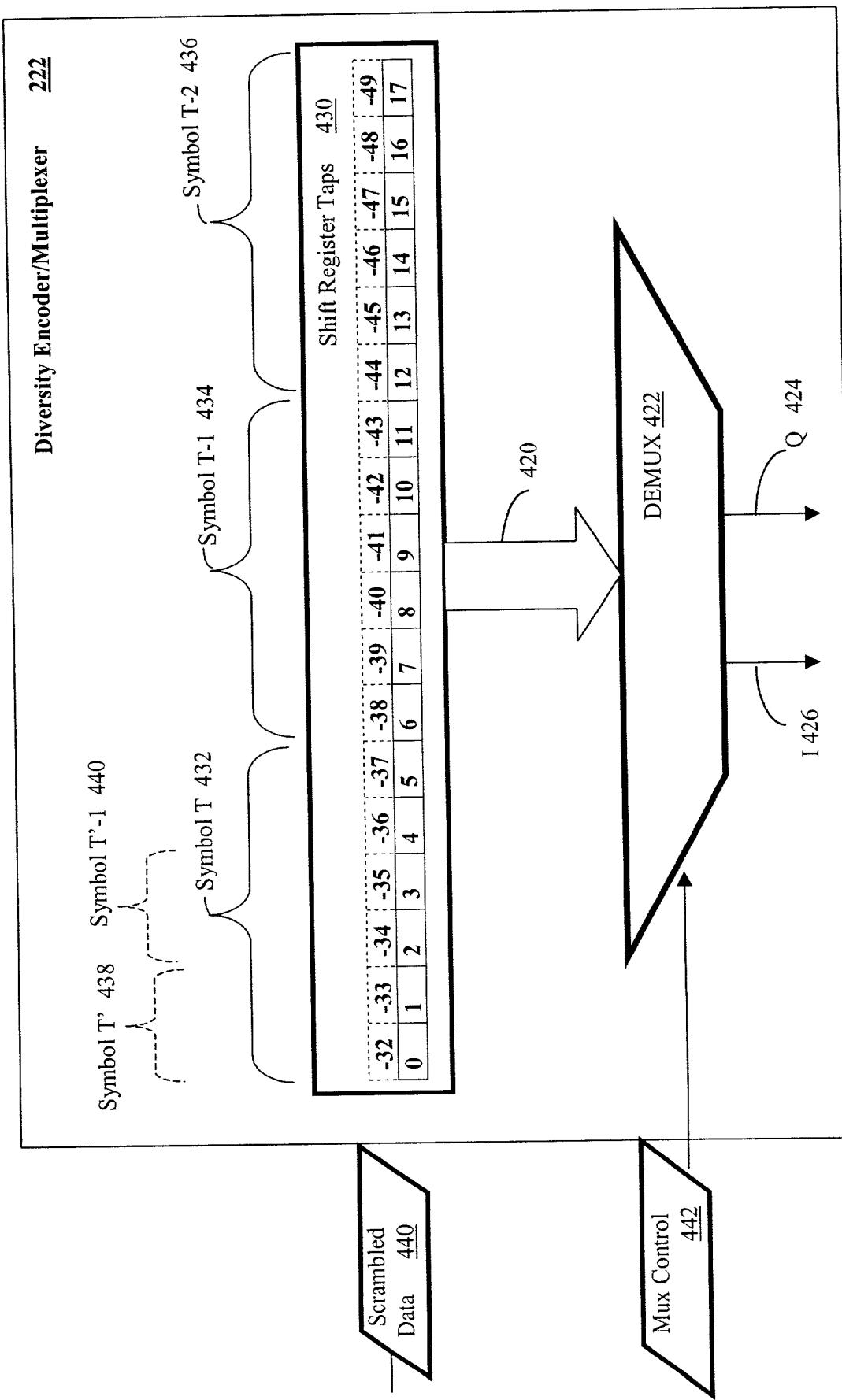


FIGURE 4A

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MUX SELECTOR TABLE 400B

	Select Tap 1 456	Select Tap 2 458	Select Tap 3 460	Select Tap 4 462	Select Tap 5 464	Select Tap 6 466	Select Tap 7 468	Select Tap 8 470	
	3	2	-1	-1	-1	-1	-1	-1	-1
1	0	-1	-1	-1	-1	-1	-1	-1	-1
3	2	-1	-1	-1	-1	-1	-1	-1	-1
1	0	-1	-1	-1	-1	-1	-1	-1	-1
3	2	-1	-1	-1	-1	-1	-1	-1	-1
1	0	-1	-1	-1	-1	-1	-1	-1	-1

FIGURE 4B



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5000

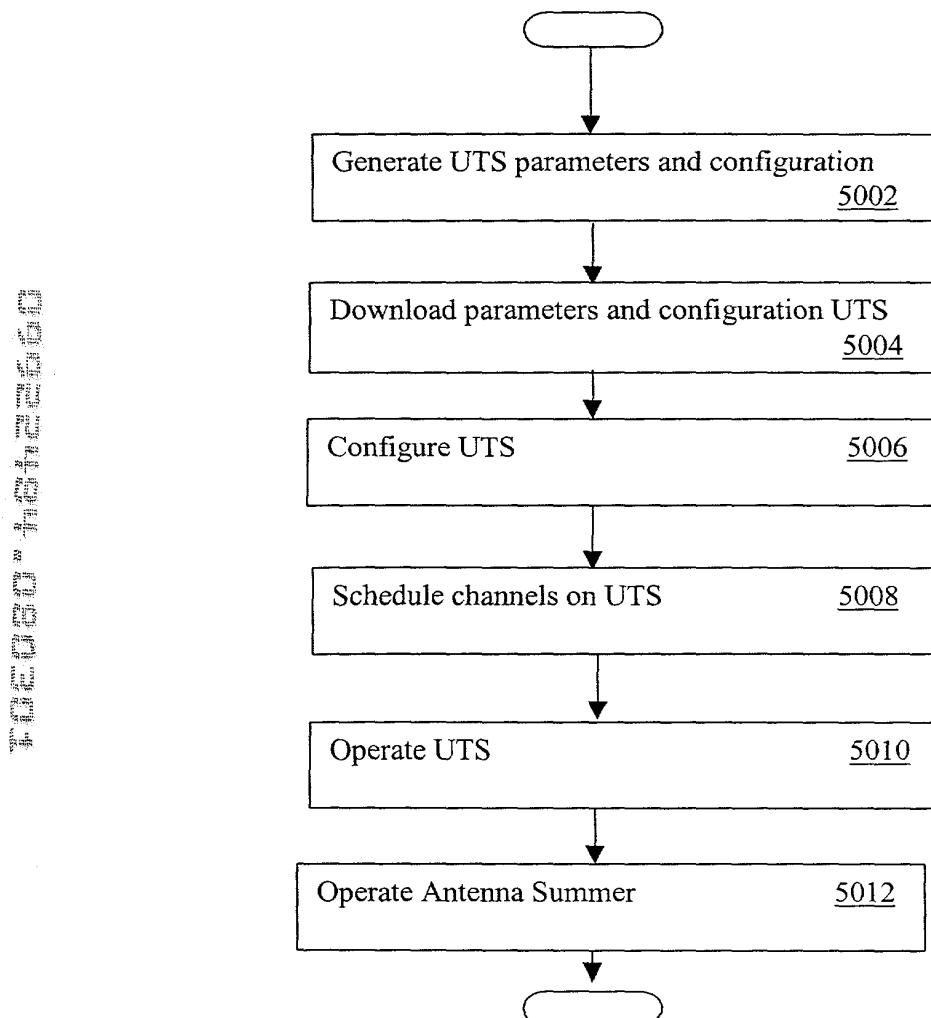


FIGURE 5A

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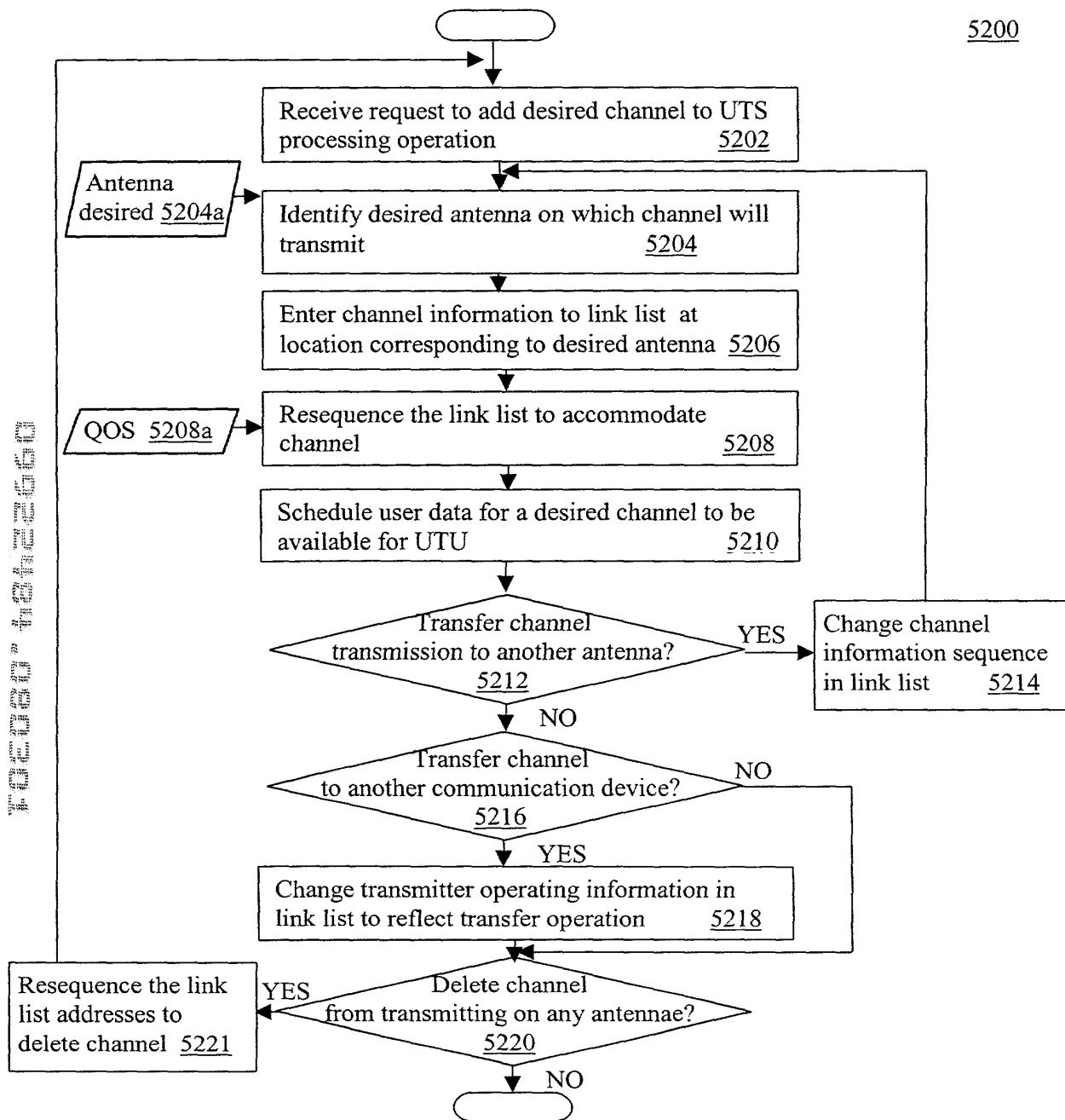


FIGURE 5B

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5300

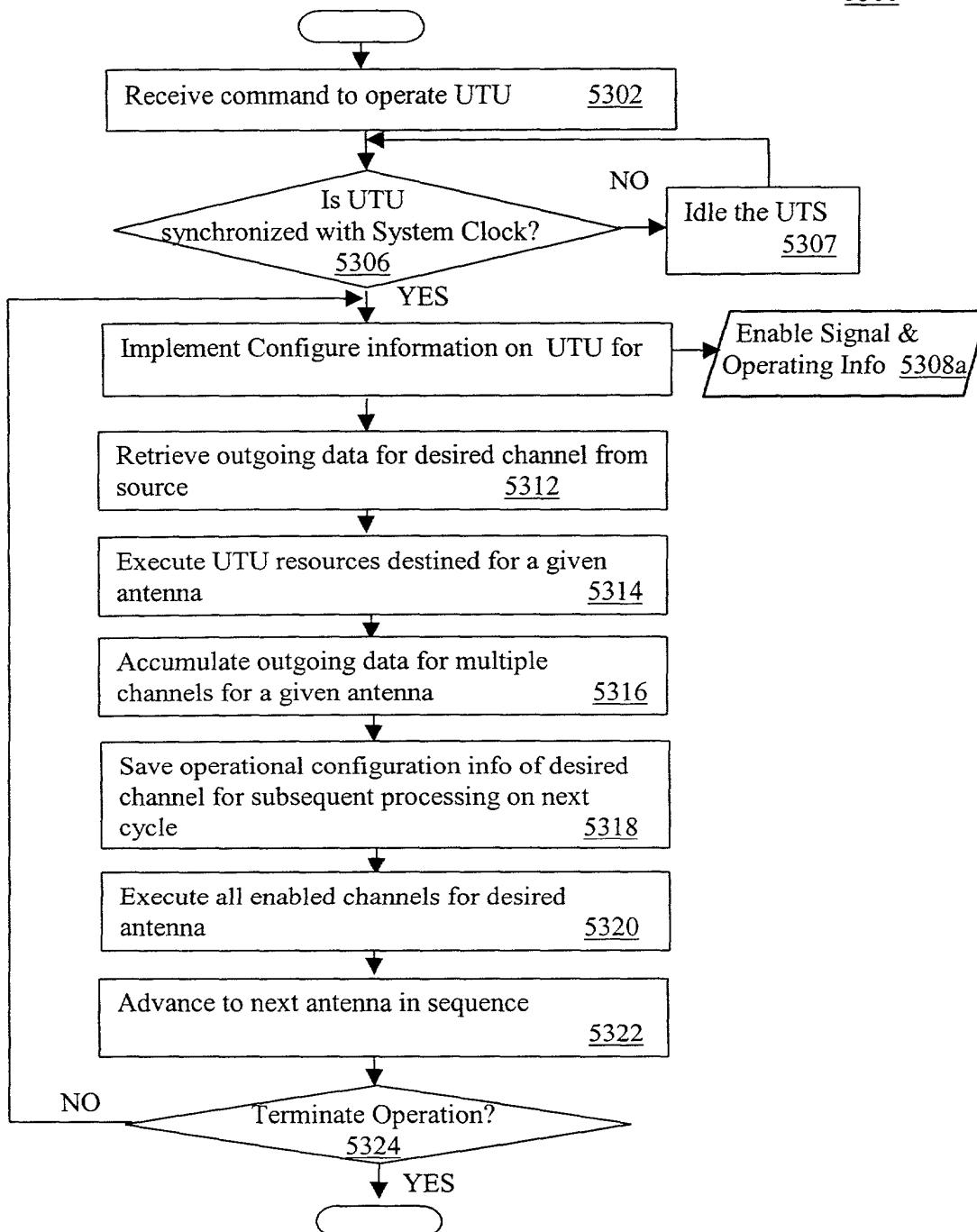


FIGURE 5C

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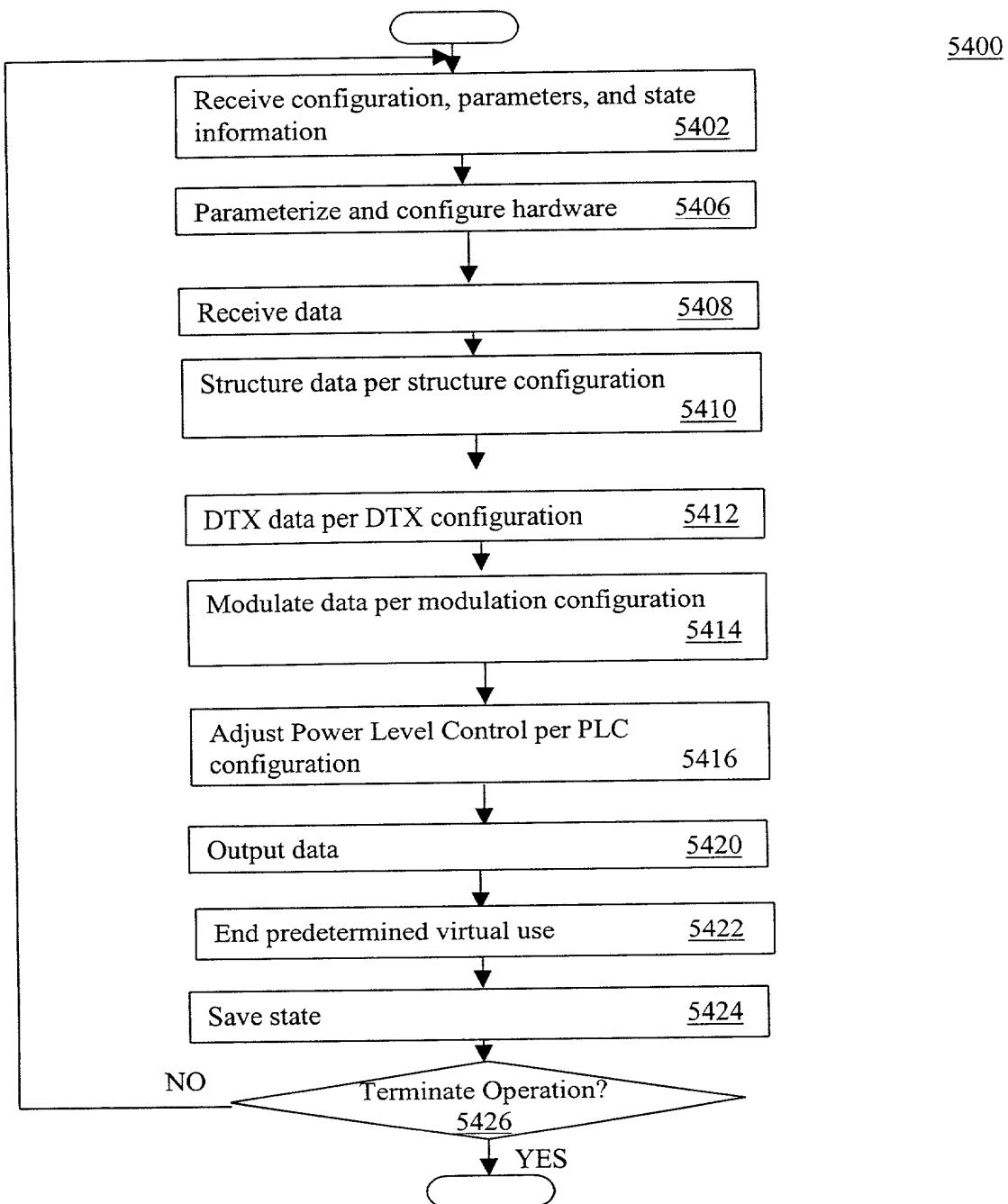


FIGURE 5D

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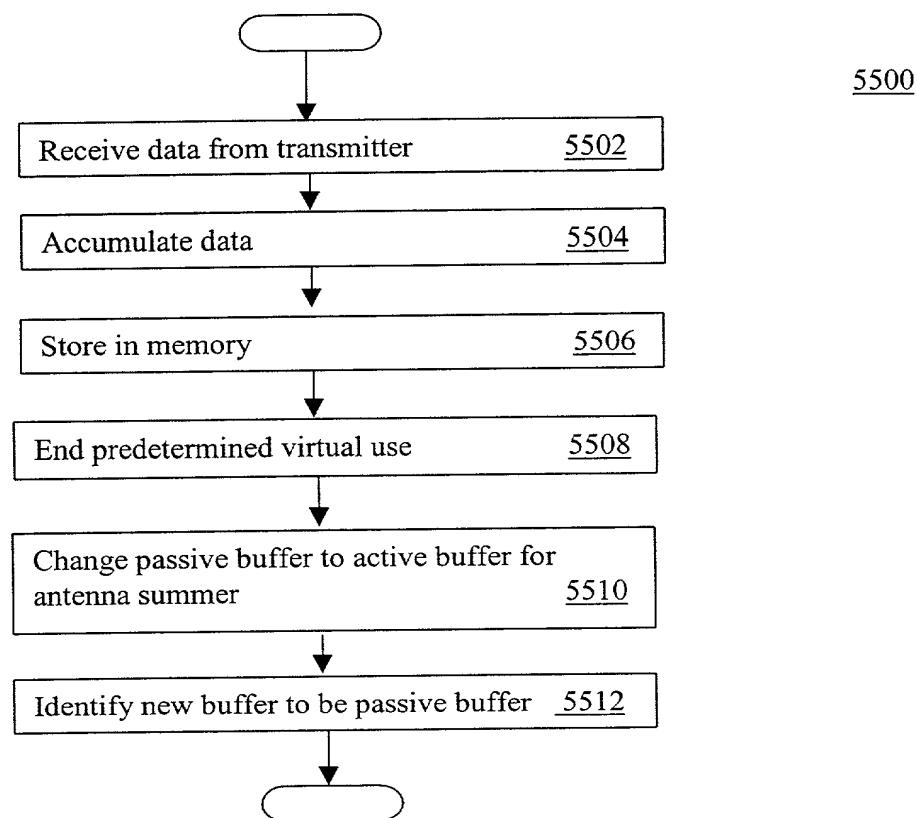


FIGURE 5E

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5600

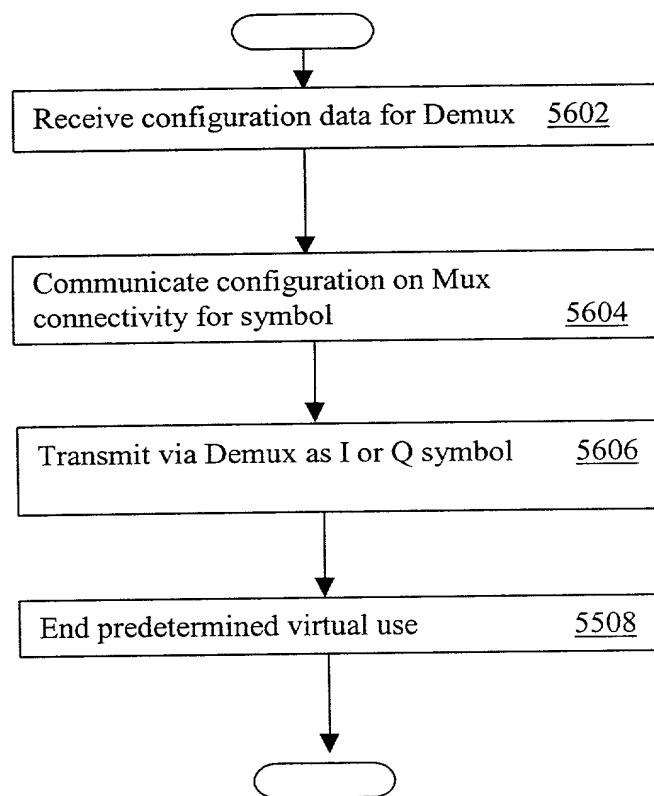


FIGURE 5F